



PATENT  
ATTORNEY DOCKET NO.: 054160-5012US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of: )  
)  
Shigeru YAO et al. )  
)  
Serial No.: 09/539,929 )  
)  
Filed: March 31, 2000 )  
)  
For: POROUS INSULATING FILM )  
AND ITS LAMINATES )

Group Art Unit: 1771

Examiner: L. Roche

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

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**RESPONSE TO OFFICE ACTION TRANSMITTAL FORM**

1. Transmitted herewith is a Response to Office Action responding to the Office Action mailed November 1, 2001.
2. Additional papers enclosed:
  - ☐ Drawings: Formal Informal (Corrections)
  - ☐ Information Disclosure Statement
  - ☐ Form PTO-1449, \_\_\_ references included
  - ☐ Citations
  - ☐ Declaration of Biological Deposit
  - ☐ Submission of "Sequence Listing", computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.



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Attorney Docket No. 054160-5012-US

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AMENDMENT AND RESPONSE TO OFFICE ACTION

In response to the Office Action mailed on November 1, 2001, (Paper No. 8), Applicants respectfully request reconsideration of the subject application in view of the following amendment and remarks. Please amend the application as follows:

IN THE CLAIMS:

Please add new claim 15 as follows:

~~15. A battery separator comprising a porous insulating film according to claim 10.~~

[Please amend claim 1 as follows:]

1. (Amended) A porous insulating film consisting essentially of a highly heat resistant polyimide resin film having a porous structure in which fine continuous pores reach to both surfaces of the film, with a mean pore size of 0.01-5  $\mu\text{m}$  in at least the center of the film, and having a porosity of 15-80 %.